

50902

From: Walicka, Malgorzata
Sent: Friday, September 14, 2001 11:55 AM
To: STIC-Biotech/ChemLib

Please search for the following amino acid sequences of the application NO. 09/471669, the earliest priority date 12/3/1998:

SEQ ID NO:2

43 v.
58
65
66 v
67 v
69 v
74
75

add and 42

56 71
57 74
58 75
60
68
70

July 4, 2002

SEQ ID NO: 1

CRFE

and short polypeptides of SEQ ID NO: 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, and 96.

Thank you so much.

Malgorzata Walicka
tel. 305 7270
Rm 10D06, mail box 10C01

CRFE

Edward Hart
Technical Info Specialist
STIC / Biotech
CM1 12C14 Tel: 305-9203

what is your
Art Unit

08/844, 419

308 1235

SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB#

50902

Requester's Full Name: _____ Examiner #: _____ Date: _____
 Art Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

Searcher: _____
 Searcher Phone #: _____
 Searcher Location: _____
 Date Searcher Picked Up: 9/14/01
 Date Completed: 9/14/01
 Searcher Prep & Review Time: _____
 Clerical Prep Time: _____
 Online Time: _____

Type of Search

NA Sequence (#) _____
 AA Sequence (#) 24
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog _____
 Questel/Orbit _____
 Dr.Link _____
 Lexis/Nexis _____
 Sequence Systems 02
 WWW/Internet _____
 Other (specify) _____

Query Match	100.0%	Score 2661	DB 5	Length 501
Best Local Similarity	100.0%	Pred. No. 1.4e-238		
Matches 501	Conservative 0	Mismatches 0	Indels 0	Gaps 0

QY	1	MAQALPMLLMNGACVLP	PAHGTGHRPLRLRLRSLGAGAPLGLRLP	PRETDEEPEEPGRGSF	60
DB	1	MAQALPMLLMNGACVLP	PAHGTGHRPLRLRLRSLGAGAPLGLRLP	PRETDEEPEEPGRGSF	60
QY	61	VEVADNLRRKSCGGTY	VEMTVGSPPOTLILVDTGSSNF	AVGAAPHPFLHRYQROLST	120
DB	61	VEVADNLRRKSCGGTY	VEMTVGSPPOTLILVDTGSSNF	AVGAAPHPFLHRYQROLST	120
QY	121	YKDLRGVVPVPTQCKM	GGELGTDVLSIPHGNNVVRN	NIATTEGDKFINGSWBEIL	180
DB	121	YKDLRGVVPVPTQCKM	GGELGTDVLSIPHGNNVVRN	NIATTEGDKFINGSWBEIL	180

	Query Match	99.8%	Score 2656	DB 5	Length 501
	Best Local Similarity	99.8%	Pred. No. 4e-238		
	Matches 500	Conservative	0	Mismatches 1	Indels 0
					Gaps 0
Oy	1	MAQALPMLLMWAGAGVLPANGTGHGRLRISGCGAGPRLGRLRPRTDEDEPEERGRSP	60		
Db	1	MAQALPMLLMWAGAGVLPANGTGHGRLRLRSLGSLGAGPRLGRLRPRTDEDEPEERGRSP	60		
Oy	61	VEVVDNLKRSKSGGTYVEMTVGSPPTLNLIVDTGSSNFVGAAPPFPFLHRYQQLST	120		
Db	61	VEVVDNLKRSKSGGTYVEMTVGSPPTLNLIVDTGSSNFVGAAPPFPFLHRYQQLST	120		
Oy	121	YRLKRGVYVPTGCKKEGELGTDLVSLPHGPNVTVRANLAAITESDKFFNGSMGECIL	180		
Db	121	YRLKRGVYVPTGCKKEGELGTDLVSLPHGPNVTVRANLAAITESDKFFNGSMGECIL	180		
Oy	181	GLAYAEIARPDLSLEPFDSLVTQTHVPLPESLQCLGAGPPLNQSEVLASVGSMTIGI	240		
Db	181	GLAYAEIARPDLSLEPFDSLVTQTHVPLPESLHCLGAGPPLNQSEVLASVGSMTIGI	240		

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QY 1 MAPALHMLLWVSGMLPAOCTHLGIRLPLRSLGAPPLGIRLPRETDESEEPGRGSF 60
DB 1 MAQALPMLLWAGVLPAGHGTGIRLPLRSLGAGAPLGLRPRETDESEEPGRGSF 60
QY 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
DB 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
QY 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180
DB 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180
QY 181 GLAAEIAARPDSLEPPFDSLVKOTHPNIFSLQCGAFPLNQTALASVGSNIIIGI 240
DB 181 GLAAEIAARPDSLEPPFDSLVKOTHPNIFSLQCGAFPLNQTALASVGSNIIIGI 240
QY 241 DSHLYTGSMTPTPIRREMYEVIIIVREINGODLKMCKEYNNDKSIYDSGTTNLRPKK 300
DB 241 DSHLYTGSMTPTPIRREMYEVIIIVREINGODLKMCKEYNNDKSIYDSGTTNLRPKK 300
QY 301 VFEAAVKSIRKAASSTKPPDFGFWLGEOLVCMQAGTTPNNIPVISLYLMGEVTNOSFRIT 360
DB 301 VFEAAVKSIRKAASSTKPPDFGFWLGEOLVCMQAGTTPNNIPVISLYLMGEVTNOSFRIT 360
QY 361 ILPOOYLPRVEDVATSDODCKKFAVSOSTGTVMGAVIMEGYVYVFDARRRIGFAVSAC 420
DB 361 ILPOOYLPRVEDVATSDODCKKFAVSOSTGTVMGAVIMEGYVYVFDARRRIGFAVSAC 420
QY 421 HVHDEFRTAAVEGPFVTADMECCGYNIPQTDSTLMTIAYMAAICALFMLPLCLMVCOW 480
DB 421 HVHDEFRTAAVEGPFVTADMECCGYNIPQTDSTLMTIAYMAAICALFMLPLCLMVCOW 480
QY 481 RCLRLRHQHDDFGDISLKL 501
DB 481 RCLRLRHQHDDFGDISLKL 501

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RESULT 8

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US-09-454-744A-2
: Sequence 2, Application US/09454744A
: GENERAL INFORMATION:
: APPLICANT: David J. Powell
: APPLICANT: Conrad G. Chapman
: APPLICANT: Kay Murphy
: APPLICANT: Tandi S. Smith
: TITLE OF INVENTION: ASP2
: FILE REFERENCE: GH-70368-1
: CURRENT APPLICATION NUMBER: US/09/454,744A
: PRIOR FILING DATE: 1999-12-06
: PRIOR APPLICATION NUMBER: US 09/009,191
: PRIOR FILING DATE: 1998-01-20
: PRIOR APPLICATION NUMBER: UK 9701684.4
: NUMBER OF SEQ ID NOS: 6
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 2
: LENGTH: 501
: TYPE: PRT
: ORGANISM: HOMO SAPIENS
: US-09-454-744A-2

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Query Match 96.4%; Score 2568; DB 5; Length 501;

Best Local Similarity 96.2%; Pred. No. 2.9e-230; Mismatches 12; Indels 0; Gaps 0;

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QY 1 MAPALHMLLWVSGMLPAOCTHLGIRLPLRSLGAPPLGIRLPRETDESEEPGRGSF 60
DB 1 MAQALPMLLWAGVLPAGHGTGIRLPLRSLGAGAPLGLRPRETDESEEPGRGSF 60
QY 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
DB 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120

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DB 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
QY 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180
DB 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180
QY 181 GLAAEIAARPDSLEPPFDSLVKOTHPNIFSLQCGAFPLNQTALASVGSNIIIGI 240
DB 181 GLAAEIAARPDSLEPPFDSLVKOTHPNIFSLQCGAFPLNQTALASVGSNIIIGI 240
QY 241 DSHLYTGSMTPTPIRREMYEVIIIVREINGODLKMCKEYNNDKSIYDSGTTNLRPKK 300
DB 241 DSHLYTGSMTPTPIRREMYEVIIIVREINGODLKMCKEYNNDKSIYDSGTTNLRPKK 300
QY 301 VFEAAVKSIRKAASSTKPPDFGFWLGEOLVCMQAGTTPNNIPVISLYLMGEVTNOSFRIT 360
DB 301 VFEAAVKSIRKAASSTKPPDFGFWLGEOLVCMQAGTTPNNIPVISLYLMGEVTNOSFRIT 360
QY 361 ILPOOYLPRVEDVATSDODCKKFAVSOSTGTVMGAVIMEGYVYVFDARRRIGFAVSAC 420
DB 361 ILPOOYLPRVEDVATSDODCKKFAVSOSTGTVMGAVIMEGYVYVFDARRRIGFAVSAC 420
QY 421 HVHDEFRTAAVEGPFVTADMECCGYNIPQTDSTLMTIAYMAAICALFMLPLCLMVCOW 480
DB 421 HVHDEFRTAAVEGPFVTADMECCGYNIPQTDSTLMTIAYMAAICALFMLPLCLMVCOW 480
QY 481 RCLRLRHQHDDFGDISLKL 501
DB 481 RCLRLRHQHDDFGDISLKL 501

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RESULT 9

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US-09-869-414-4
: Sequence 4, Application US/09869414
: GENERAL INFORMATION:
: APPLICANT: Belkowsky et al.
: TITLE OF INVENTION: ALZHEIMER'S DISEASE SECRETASE, APP SUBSTRATES THEREFOR, AND US
: TITLE OF INVENTION: THEREFOR
: FILE REFERENCE: 28341/6280M
: CURRENT APPLICATION NUMBER: US/09/869,414
: PRIOR FILING DATE: 2001-06-27
: PRIOR APPLICATION NUMBER: 09/416,901
: PRIOR FILING DATE: 1999-10-13
: PRIOR APPLICATION NUMBER: 60/7155,493
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: 09/404,133
: PRIOR FILING DATE: 1999-09-23
: PRIOR APPLICATION NUMBER: PCT/US99/20881
: PRIOR FILING DATE: 1998-09-24
: PRIOR APPLICATION NUMBER: 60/101,594
: NUMBER OF SEQ ID NOS: 73
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 4
: LENGTH: 501
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-869-414-4

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Query Match 96.2%; Score 2563; DB 5; Length 501;

Best Local Similarity 96.0%; Pred. No. 8.3e-230; Mismatches 13; Indels 0; Gaps 0;

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QY 1 MAPALHMLLWVSGMLPAOCTHLGIRLPLRSLGAPPLGIRLPRETDESEEPGRGSF 60
DB 1 MAQALPMLLWAGVLPAGHGTGIRLPLRSLGAGAPLGLRPRETDESEEPGRGSF 60
QY 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
DB 61 VEMVDNLGRKSGGYVEMTVGSPPTNLIVDTGSSNFAGAAPHPFLHRYQRLSST 120
QY 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180
DB 121 YRDLRKGYVYPTGKMEGELGDLVSIHPGNVTVRANIAITESDKFFINGSNMEGIL 180

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